

PAN AFRICA CHRISTIAN UNIVERSITY

DIPLOMA IN INFORMATION COMMUNICATION TECHNOLOGY

END OF TERM EXAMINATION

DEPARTMENT: COMPUTING & INFORMATION TECHNOLOGY

COURSE CODE: DICT 0123

CAMPUS: ROYSAMBU

COURSE TITLE: SYSTEM ANALYSIS AND DESIGN

EXAM DATE:

TIME:

INSTRUCTIONS

- This exam carry a total of SIX Questions of [10 Marks Each]
- Section One (I) is compulsory.
- Answer any 3(Three) Questions from Section Two (II)
- Read all questions carefully before attempting.

Section One Compulsory 10 marks

Question One.

- a) As a system Analyst demonstrate how you will undertake a system changeover process in your newly acquired job to deploy for your University an E-Voting system. **[3 marks]**
- b) Before you embarked on the above E-Voting system deployment, you had to engage different stakeholders from the university. Discuss at least FIVE challenges you are likely to encounter and possible solutions you may apply. **[3 marks]**
- c) Debate at least FOUR system flow chart symbols as used in system description techniques. **[4 marks]**

Section Two Attempt any Three Questions.

Question Two.

Compose FIVE facts finding techniques with their objectives and at least one drawbacks available for modern software developers. **[10 marks].**

Question Three

Jonathan in his final stages to deploy an e-campus Biometric system, He had only two approaches at his disposal to use which was Throw away prototype and evolutionary. Judge his approach process. **[10 marks]**

Question Four

Develop at least a 10 points Questionnaire you would use in carrying out a system investigation for a newly fast growing private primary school's mobile app fee payment solution. **[10 marks]**

Question Five.

If you are to use the Iterative software development process in developing a new website for PAC University, what are some of the key similarities and differences the approach would share with the waterfall model in attaining your results. **[10 marks]**

Question Six.

As an expert system analyst, you are to sit in a panel of experts interviewing to recruit Junior system developers you need to work with to support fully your organization, Articulate FIVE interpersonal attributes/skills you will be looking for during the interview. **[10 marks]**

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